

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	508/497,496,465,463,459.ccls. and thioether and propionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 13:12
L2	1	508/497,496,465,463,459.ccls. and thioether and dialkyldithiopropionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 13:13
L3	1	508/497,496,465,463,459.ccls. and thioether and hindered near5 phenolic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 13:14
L4	3	508/497,496,465,463,459.ccls. and thioether and hindered same phenolic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 13:14
L5	0	508/110,100.ccls. and (lubricate or lubricant or lubricating) and hindered near5 (phenolic or phenol) and (ditrialkyldithiopropionate or dtridecyldithiopropionate or thioether) and antioxidant	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 13:36
L6	0	508/110,100.ccls. and (lubricate or lubricant or lubricating) and hindered near5 (phenolic or phenol) and (ditrialkyldithiopropionate or dtridecyldithiopropionate or thioether)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 13:36
L7	6	508/110,100.ccls. and (lubricate or lubricant or lubricating) and (phenolic or phenol) and (ditrialkyldithiopropionate or dtridecyldithiopropionate or thioether)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 13:36
L8	8	508/497,496.ccls. and (lubricate or lubricant or lubricating) and (phenolic or phenol) and (ditrialkyldithiopropionate or dtridecyldithiopropionate or thioether)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 13:36
L9	1	508/497,496.ccls. and (lubricate or lubricant or lubricating) and (phenolic or phenol) and (ditrialkyldithiopropionate or dtridecyldithiopropionate or thioether)	US-PGPUB	ADJ	ON	2008/09/12 13:37
L10	1	508/497,496.ccls. and (phenolic or phenol) and (ditrialkyldithiopropionate or dtridecyldithiopropionate or thioether)	US-PGPUB	ADJ	ON	2008/09/12 13:37
S1	37	migdal.in. and antioxidant	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/16 09:12

S2	7	sikora.in. and antioxidant	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/16 09:12
S3	5	S2 not S1	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/16 09:12
S5	77	crompton.asn. and antioxidant	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/16 09:13
S6	39	crompton.asn. and antioxidant and phenolic	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/16 09:13
S7	33	crompton.asn. and antioxidant same phenolic	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/16 09:13
S8	0	crompton.asn. and antioxidant same phenolic and thioether	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/16 09:13
S9	3	crompton.asn. and antioxidant same phenolic and thioether	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/16 09:58
S11	155	antioxidant same hindered near2 phenolic and antioxidant same thioether	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 09:16
S12	58	antioxidant near7 hindered near2 phenolic and antioxidant near7 thioether	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 09:18
S13	0	antioxidant near7 hindered near2 phenolic and antioxidant near7 thioether and butyl-3-(3,5,di-tert-butyl-4-hydroxyphenyl) propionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 09:17
S14	0	antioxidant near7 hindered near2 phenolic and antioxidant near7 thioether and butyl-3-(3,5,di-tert-butyl-4-hydroxyphenyl)propionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 09:17
S15	1	antioxidant near7 hindered near2 phenolic and antioxidant near7 thioether and ditridecyldithiopropionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 09:18
S16	1	antioxidant near7 hindered near2 phenolic and antioxidant near7 thioether and dialkyldithiopropionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 09:18
S17	27	antioxidant near7 hindered near2 phenolic and antioxidant near7 thioether and (lubricant or lubricate or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 13:48

S18	26	antioxidant same hindered near2 phenolic and antioxidant same thioether	FPFS; EPO; JPO; DERWENT	ADJ	ON	2006/08/16 09:27
S19	1	antioxidant same hindered near2 phenolic and antioxidant same thioether and (lubricate or lubricating or lubricant)	FPFS; EPO; JPO; DERWENT	ADJ	ON	2006/08/16 09:26
S21	3	((("5498809") or ("5523007") or ("6559105"))).FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/16 10:03
S22	2	((("0417272")).FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/16 10:03
S23	1	((("4171272")).FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/16 10:04
S24	2	((("0006878")).FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/16 10:04
S25	1	ep-1054052-\$.did.	EPO	OR	OFF	2006/08/16 13:23
S26	1	ep-896050-\$.did.	EPO	OR	OFF	2006/08/16 13:24
S30	0	butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	FPFS; EPO; JPO; DERWENT	ADJ	ON	2006/08/16 13:51
S33	5	dialkylidithiopropionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 13:51
S34	0	butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionic	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 15:27
S35	114	3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionic	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 15:27
S36	48	3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionic and (lubricate or lubricant or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 15:28
S37	8	3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionic near8 antioxidant and (lubricate or lubricant or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 15:31
S38	1	ditridecylidithiopropionate near8 antioxidant and (lubricate or lubricant or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 15:32
S39	0	ditridecylidithiopropionic near8 antioxidant and (lubricate or lubricant or lubricating)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 15:32
S40	1	ditridecylidithiopropionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 15:32
S41	0	ditridecylidithiopropionic	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 15:37
S42	0	di-tridecylthio-di-propionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 15:37
S43	4	di-tridecyl-thio-di-propionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 16:15
S44	1	hindered near3 (phenol or phenolic) and thioether and 508/497.cds.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/16 16:16

S45	1	508/497.cds. and hindered near5 (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) and antioxidant	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/02/20 12:24
S46	802	(lubricate or lubricant or lubricating) and hindered near5 (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) and antioxidant	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/02/20 12:24
S47	5	(lubricate or lubricant or lubricating) and hindered near5 (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) and antioxidant	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/02/20 12:24
S48	169	(lubricate or lubricant or lubricating) same antioxidant and hindered near5 (phenolic or phenol) and (ditrialkyldithiopropionate or ditridecyldithiopropionate or thioether) same antioxidant	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/02/20 12:25
S52	14	(wegmann near3 alex).in.	FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/05/14 13:13
S54	2	wo-2005023886-\$.did.	FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/05/14 13:15
S55	1	butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/14 13:19
S56	1	butyl-3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/14 13:20
S57	0	3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionic and hindered phenolic same thioether	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/14 13:21
S58	4	3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate and hindered phenolic same thioether	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/14 13:21
S59	1	3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate and hindered phenolic same thioether	FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/05/14 13:22
S60	0	3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionic and hindered phenolic same thioether	FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/05/14 13:23
S61	0	3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionic and hindered phenolic same thioether	FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/05/14 13:23
S62	9	((("3285855") or ("3330859") or ("3345327") or ("4652272"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/05/14 13:42

S63	10	("20020006878"   "20040147414"   "20050176594"   "20060122295"   "4171272"   "5091099"   "5498809"   "5523007"   "6559105"   "6887835"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/14 13:48
S64	4	"508"/\$.cccls. and ditridecylthiodipropionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 10:27
S65	2	"508"/\$.cccls. and dialkylthiopropionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 10:31
S66	10	("20020006878"   "20040147414"   "20050176594"   "20060122295"   "4171272"   "5091099"   "5498809"   "5523007"   "6559105"   "6887835"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 10:33
S67	70	"508"/\$.cccls. and thioether and propionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 10:42
S68	1	"508"/\$.cccls. and thioether and butyl- 3(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 10:43
S69	1	"508"/\$.cccls. and thioether and butyl- 3(3,5-di-tert-butyl-4-hydroxyphenyl)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 10:43
S70	38	"508"/\$.cccls. and thioether and (3,5- di-tert-butyl-4-hydroxyphenyl)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/12 10:43
S71	1	("5498809").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/12 10:54
S72	1	("5498809").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/09/12 10:55

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